

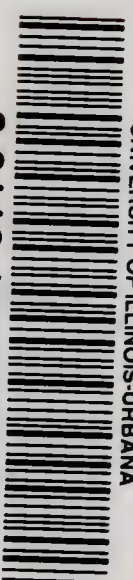
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# Veterinary Medicine at Illinois



UNIVERSITY OF ILLINOIS-URBANA



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Applicant Information for 1980 and 1981 · University of Illinois at Urbana-Champaign



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# Veterinary Medicine at Illinois



## Applicant Information for 1980 and 1981 · University of Illinois at Urbana-Champaign

American woodcuts taken from type specimen books dating prior to 1890

### Education and Training

The College of Veterinary Medicine educates its students in medical disciplines involving animals. The four-year curriculum leads to the degree of Doctor of Veterinary Medicine and gives students a broad foundation in biological and physical sciences, as well as practical knowledge for applying these principles. The college also emphasizes the profession's obligation to society. Most veterinarians engage in specialized animal practice, while others are involved in public health activities. Still other veterinarians engage in teaching and research.

When formal education in veterinary medicine in the United States began in 1853, animals looked like those depicted above. Just as animals' shapes and sizes have changed and improved, so has education in veterinary medicine. As shown by the curriculum chart below, students are instructed according to the latest advances in the field. The first two years of study are devoted to basic principles of veterinary medicine, and the last two consist of study of clinical subjects and work in the laboratory.

The college is affiliated with the Agricultural Experiment Station and the Cooperative Extension Service and is a component of the Graduate College. It cooperates with the state Departments of Agriculture, Public Health, and Conservation, and the State Natural History Survey on various projects.

### Preprofessional Requirements

High school students interested in pursuing a career in veterinary medicine should complete courses in biology, chemistry, physics, and mathematics (through trigonometry) along with other courses required for graduation from high school. Since admission requirements to preprofessional programs vary from college to college, high school students are urged to consult admission brochures of collegiate institutions that they are considering.

The undergraduate preprofessional program must include a minimum 60 semester hours (90 quarter hours) of college-level courses, as specified below, and must be completed at accredited colleges or universities. The courses in biology, chemistry, and physics are to be equivalent in content to those recommended for students majoring in biological sciences. It is strongly recommended that the science courses be taken on a graded basis.

**Biological sciences:** Two semesters (8 semester hours) or the equivalent of college-level course work in biological sciences with appropriate laboratory experience. These courses should emphasize the cellular, molecular, and genetic aspects, as well as the structure and function, of living organisms.

**Chemistry:** Four semesters (16 semester hours) or the equivalent of college-level course work in chemistry, including courses in organic chemistry and biochemistry. Laboratory work and familiarity with quantitative techniques are important aspects of this experience.

**Physics:** Two semesters (8 semester hours) or the equivalent of college-level course work in physics with appropriate laboratory experience. These courses should include heat, light, sound, electricity, and mechanics.

**Genetics:** One semester (3 semester hours) or the equivalent of college-level course work in genetics.

**Animal science:** One semester (3 semester hours) or the equivalent of college-level course work in surveying the livestock and poultry industries with emphasis on the breeding, selection, feeding, and management of food animals. (For successful applicants who take their preprofessional course work at an institution where an acceptable animal science course is not available, this requirement may be satisfied at UIUC during the summer session prior to enrollment in the College of Veterinary Medicine.)

**English:** One semester (3 semester hours) or the equivalent of college-level course work in English composition.

**Humanities and social sciences:** Four semesters (12 semester hours) or the equivalent of college-level course work in the humanities and/or social sciences.

**Electives:** Optional courses (7 semester hours).

Preprofessional course requirements can be completed at most collegiate institutions. Students wishing to complete preprofessional requirements on the Urbana-Champaign campus of the University of Illinois may do so within a variety of curricula in either the College of Agriculture or the College of Liberal Arts and Sciences. Information regarding admission requirements to preprofessional programs offered on the Urbana-Champaign campus may be obtained by writing the Office of Admissions and Records, University of Illinois at Urbana-Champaign, 10 Administration Building, Urbana, IL 61801.

The Committee on Admission of the College of Veterinary Medicine will consider an application only if the applicant presents a minimum cumulative

grade-point average of 3.5 (3.0 = C) at the end of the fall term preceding the desired date of admission. The applicant must also complete the 60 semester hours of preprofessional course requirements by the date of desired admission.

### Application Procedure

Application materials for the professional curriculum are available from the Office of Admissions and Records, University of Illinois at Urbana-Champaign, 10 Administration Building, Urbana, IL 61801, between September 1 and January 15. No application materials will be mailed after January 1. (New students will enter the College of Veterinary Medicine in the fall only.)

All items submitted by the applicant (application form, fee, self-evaluation form, courses in progress form) must be received in the Office of Admissions and Records by 5:00 p.m., January 15. All required supporting credentials such as transcripts, letters of recommendation, and Veterinary Aptitude Test results must be received by February 1 for the application to be complete and the applicant considered for admission. The application must be accompanied by a nonrefundable application fee of \$20, which is used to partially cover the cost of processing the application for presentation to the Committee on Admissions.

Requests for additional information should be directed to the Office of Admissions and Records. You may write to the above address or visit the office at 177 Administration Building from 8:30 a.m. to 4:30 p.m., Monday through Friday. Appointments are recommended. You may also call at these times by dialing direct (217) 333-0302.

### Admission Data

Completion of the minimum academic requirements does *not* guarantee admission to the professional curriculum. Because of limited facilities and the amount of support available to the College of Veterinary Medicine, the number of students who enter the professional curriculum each year must be restricted. Recently there have been approximately 400 qualified applicants seeking the ninety-one spaces funded for those years. The mean grade-point average of the applicants selected has been slightly above 4.50 (A = 5.00), and the mean number of preprofessional hours completed has been near 120. This level of competition is expected to continue.



# Selection Criteria

(Subject to Change)

Because of the size and quality of the applicant pool, only a few highly qualified applicants have been admitted with the minimum of 60 hours in recent years. Therefore, students who have completed the minimum requirements but have not been admitted to the College of Veterinary Medicine are urged to structure their programs to qualify for a bachelor's degree in their area of study within the normal four-year period.

In addition to submitting transcripts of all collegiate work attempted, applicants must also provide official scores of their performance on the Veterinary Aptitude Test. These scores will be sent to the Office of Admissions and Records from the private organization (The Psychological Corporation, 304 East 45th Street, New York, NY 10017) administering the examination. The examination is offered at various nationwide locations during the late fall and winter of each year. Information on arranging to take the examination is available in the application packet for the College of Veterinary Medicine.

Three letters of recommendation are required from persons who can evaluate the applicant's experience and ability relating to professional and scientific study. Two letters should be from college instructors or academic advisers. A letter from a practicing veterinarian is highly desirable.

Applicants are expected to demonstrate potential for contribution to and advancement of the profession. An interview may be required by the committee as a means of supplementing information obtained from the materials submitted.

Preference is given to residents of Illinois. A limited number of nonresidents with superior qualifications may be admitted, and will usually be from states that have no veterinary college or contractual agreement with such a college in another state.

The professional program of the College of Veterinary Medicine is accessible to qualified persons, and such persons will not be denied admission on the basis of handicap. A qualified person is one who meets the academic and technical standards requisite to admission and participation in the educational program of the college. During their course of study, students, while under the supervision of licensed veterinary practitioners, treat animal patients. Such clinical duties may not be waived as they are an essential part of the educational program. The technical standards of the college (as well as the veterinary medical profession) require that the safety of both animal patients and veterinary students be protected. The student shall not cause a health or safety hazard to the animal patients or to other persons.

# Point-Ranking System

(Subject to Change)

Applicants are currently ranked on the basis of a 100-point scale, with allocation of points distributed among the following criteria:

## Objective Measures of Academic Performance:

Seventy points — from grade-point averages determined from official college transcripts and from Veterinary Aptitude Test (VAT) results. The cumulative grade-point, science grade-point, and total number of graded science hours completed, in addition to the score earned on the VAT, will most likely be used to allocate these points. (The VAT may be taken once or twice during a given application period; if twice, the average of the two scores will be used. Applicants reapplying may reuse VAT results less than two years old, or the test may be retaken, in which case the new score will be used.)

## Subjective Measures — Personal:

Thirty points — allocated by College Admission Advisory Committee on the basis of information submitted with application and letters of recommendation

indicating the applicant's knowledge of, motivation toward, and experience with the veterinary profession; evidence of leadership, initiative, and responsibility; animal contact and experience; extracurricular factors influencing personal growth.

## Bonus Points:

Up to eight bonus points may be given to applicants for ancillary factors that have influenced academic performance: consistently heavy course loads; quality of course or course sequences; and significant improvement following a "poor start."

Two bonus points will be assigned to veterans who have completed one or more years of active duty.

# Graduation Requirements

Students who have fulfilled their general education course requirements, passed all courses in the first two years of the veterinary medicine curriculum, and have a cumulative grade-point average of 3.0 (A = 5.0) or better in these courses are eligible for the degree of Bachelor of Science in Veterinary Medicine. Students who have passed all four years of courses, have a total of 153 credit hours, and have a cumulative grade-point average of 3.0 (A = 5.0) or better in these courses are eligible for the degree of Doctor of Veterinary Medicine (D.V.M.).

# Tuition and Fees

(Subject to Change)

Estimated expenses for the academic year are listed below for unmarried students in the College of Veterinary Medicine at Urbana-Champaign. These are estimates only and are subject to change without further notice.

|  |         |
|--|---------|
| Tuition for Illinois residents                     | \$ 860  |
| (nonresidents' tuition is \$2,580)                 |         |
| Fees   | 282     |
| Books and supplies                                 | 250     |
| Room and board                                     | 1,898   |
| (double occupancy for nine months)                 |         |
| Miscellaneous                                      | 760     |
| (clothing maintenance, recreation, limited travel) |         |
| Total, two semesters                               | \$4,050 |

# Financial Aid

Financial aid for students in the College of Veterinary Medicine is based on demonstrated need. There is a variety of federal and state of Illinois grant and loan programs. Specific information on them can be obtained from the Office of Student Financial Aids, University of Illinois at Urbana-Champaign, 420 Student Services Building, Champaign, IL 61820, (217) 333-0100.

A limited number of scholarships are available exclusively to students in veterinary medicine. Information on these scholarships may be obtained directly from the College of Veterinary Medicine.

# Housing

University housing regulations do not apply to students in the professional College of Veterinary Medicine. However, students do have the option of applying for accommodations within the University residence hall system. A limited number of University-owned apartments are available to married students. For the most part, however, married students must rely on the local community to meet their housing needs. Assistance in finding suitable housing is available from the Housing Information Office, University of Illinois at Urbana-Champaign, 420 Student Services Building, Champaign, IL 61820, (217) 333-1420.

# Curriculum

## First Year

### First Semester

- V.B. 300 — Gross Anatomy I
- V.B. 301 — Microscopic Anatomy
- V.P.H. 331 — Bacteriology
- An. S. 325 — Nutrition
- V.P.H. 330 — Veterinary Medical History and Orientation
- Total — 18 credit hours

### Second Semester

- V.B. 302 — Gross Anatomy II
- V.B. 305 — Developmental Anatomy
- V.B. 316 — Physiology I
- V.P.H. 332 — Microbiology/Immunology
- V.C.M. 362 — Clinical and Laboratory Practice
- Electives
- Total — 17-19 credit hours

## Second Year

### First Semester

- V.P.H. — Epidemiology
- V.B. 315 — Physiology II
- V.P.H. 334 — General Pathology
- V.B. 318 — Pharmacology I
- V.P.H. 333 — Parasitology
- Electives
- Total — 18-20 credit hours

### Second Semester

- V.B. 320 — Pharmacology II
- V.C.M. 360 — Medicine I
- V.P.H. 335 — Special Pathology
- V.P.H. 338 — Clinical Pathology
- V.P.H. 341 — Public Health
- V.C.M. 372 — Jurisprudence and Ethics
- Total — 21 credit hours

## Third Year

### First Semester

- V.C.M. 364 — Medicine II
- V.C.M. 361 — Surgery I
- V.C.M. 376 — Veterinary Anesthesiology and Fluid Therapy
- V.B. 304 — Applied Anatomy
- V.P.H. 340 — Avian Diseases
- V.C.M. 375 — Theriogenology
- V.P.H. — Clinical Pathology Conference
- V.B. 324 — Large Animal Nutrition and/or
- V.B. 326 — Small Animal Nutrition
- V.C.M. — Clinical and Laboratory Practice
- Total — 21-23 credit hours

### Second Semester

- V.C.M. — Medicine III
- V.C.M. 367 — Radiology and Radiobiology
- V.P.H. 348 — Clinical Pathology Conference
- V.C.M. 366 — Clinical and Laboratory Practice
- V.C.M. 376 — Veterinary Economics
- V.C.M. 365 — Surgery II
- V.B. 320 — Toxicology
- Total — 20 credit hours

## Fourth Year

### Unit I (6½ weeks)

- V.C.M. 369 — Summer Clinics
- Total — 6 credit hours

### Unit II (24 weeks)

- V.C.M. 371 — Clinical and Laboratory Practice
- Electives
- Total — 23-26 credit hours

### Unit III (6 weeks)

- V.C.M. 374 — Clinical and Laboratory Practice
- Electives
- Total — 5-6 credit hours

The policy of the University of Illinois is to comply fully with applicable federal and state nondiscrimination and equal opportunity laws, orders, and regulations. The University of Illinois will not discriminate in its programs and activities against any person because of race, color, national origin, religion, age, sex, handicap, or status as a disabled veteran or veteran of the Vietnam era. This nondiscrimination policy applies to admissions, employment, and access to and treatment in University programs and activities.

Vice-President Ronald W. Brady has been designated as the equal opportunity officer for the University of Illinois. For additional information on the equal opportunity and affirmative action policies of the University, please contact: For the Urbana-Champaign campus, assistant chancellor and director of affirmative action, 107 Coble Hall, 801 South Wright Street, Champaign, IL 61820, (217) 333-0574.



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| Room and board                                     | ..... 1,898  |
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| Miscellaneous                                      | ..... 760    |
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A limited number of scholarships are

V.B. 320 — Small Animal Nutrition  
V.C.M. — Clinical and Laboratory Practice  
Total — 21-23 credit hours

### Second Semester

V.C.M. — Medicine III  
V.C.M. 367 — Radiology and Radiobiology  
V.P.H. 348 — Clinical Pathology Conference  
V.C.M. 366 — Clinical and Laboratory Practice  
V.C.M. 376 — Veterinary Economics  
V.C.M. 365 — Surgery II  
V.B. 320 — Toxicology  
Total — 20 credit hours

### Fourth Year

Unit I (6½ weeks)  
V.C.M. 369 — Summer Clinics  
Total — 6 credit hours

Unit II (24 weeks)  
V.C.M. 371 — Clinical and Laboratory Practice  
Electives  
Total — 23-26 credit hours

Unit III (6 weeks)